

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-13. (canceled)

14. (new) A process for the preparation of PET (polyethyleneterephthalate) granules for the manufacture of lightened concrete, which comprises the following steps:

- a) reducing PET material into flakes;
- b) subjecting the PET flakes to a thermal and mechanical process by placing the flakes in a ventilated oven and heating to a temperature of 250-260°C for a time sufficient for the flakes to curl and for their surface to soften, applying at the same time a vibratory and rotational movement, to obtain flake aggregates; and
- c) compressing flake aggregates from step (b) to obtain PET granules.

15. (new) A process according to claim 14, wherein the flakes are produced from recycled PET bottles.

16. (new) A process according to claim 14, further comprising a step (d) wherein PET granules are subjected to surface flaming and rolling on sand to obtain coated PET granules.

17. (new) PET granules obtained by the process of claim 14.

18. (new) PET granules coated with sand obtained by the process of claim 16.

19. (new) Lightened concrete or material for building industry containing PET granules according to claim 17.

20. (new) Lightened concrete or material for building industry containing PET granules coated with sand according to claim 18.